

A

REACH Toxicity Tool for Initial Dosing Calculator

Please enter laboratory values below:
Use the format of '1.8' (with one decimal place)
Please use a decimal instead of your local separator

Absolute Neutrophil Count (ANC): x10³/μL

Hemoglobin: g/dl



Absolute Reticulocyte Count: x10³/μL

Platelets: x10³/μL

Determine Eligibility and Proceed to Initial Dosing Calculator:

**Laboratory values demonstrate hematological toxicity and an initiation of hydroxyurea therapy is not recommended at this time.
Please check that the laboratory values are entered correctly.**

B

REACH Initial Dosing Calculator	
Laboratory values are acceptable and hydroxyurea initiation is recommended.	
Enter Participant's Weight: 15.0 kg	
<div>< Back to Toxicity Tool</div> <div>Clear</div> <div>Calculate</div>	
Hydroxyurea Dose: 300 mg (20.0 mg/kg/day)	
Daily Dose (capsules):	<div><div></div><div></div></div> <div><div>1</div><div>300 mg capsule</div><div></div></div> <div><div></div><div></div></div>
Pharmacy Instructions:	<div>Dispense 30 day supply:</div> <div><div></div><div></div></div> <div><div>30</div><div>300 mg capsules</div><div></div></div> <div><div></div><div></div></div>

C

Hemoglobin	<input type="text" value="9.5"/>	(g/dl)
Platelets	<input type="text" value="250"/>	($\times 10^9/L$)
Absolute Neutrophil Count (ANC)	<input type="text" value="5.5"/>	($\times 10^9/L$)
Absoulte Reticulocyte Count (ARC)	<input type="text" value="250"/>	($\times 10^9/L$)
Was dose escalated within the past 8 weeks?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="button" value="Calculate"/>		<input type="button" value="Clear"/>

Dose escalation is recommended based on the laboratory values Hit continue to proceed to the Dose Escalation Calculator.

Hemoglobin	<input type="text" value="9.1"/>	(g/dl)
Platelets	<input type="text" value="75"/>	($\times 10^9/L$)
Absolute Neutrophil Count (ANC)	<input type="text" value="1.0"/>	($\times 10^9/L$)
Absoulte Reticulocyte Count (ARC)	<input type="text" value="200"/>	($\times 10^9/L$)
Was dose escalated within the past 8 weeks?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="button" value="Calculate"/>		<input type="button" value="Clear"/>

Laboratory values demonstrate hematological toxicity. Hydroxyurea should be withheld for 1 week. Instruct the participant to return for a laboratory re-check in 1 week, and re-enter the laboratory values at that time

D

Dose Escalation Calculator

Enter Subject's Information

Enter Subject's Weight

20

Enter Current Hydroxurea dose

400

Calculate

Clear

20.00

(mg/kg/day)

New Recommended Daily Dose

New Dose

500

mg

25.00

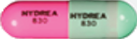
mg/kg/day

Pharmacy Instructions - Capsules

Please give the following amount of capsules to patient for 30 day supply

30

500mg Capsules



Dosing Instructions

500 mg once a day

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